

Average Monthly Precipitation in Mashhad, Iran

January - 22.5 millimeters of rain
February - 51.4 millimeters of rain
March - 56.6 millimeters of rain
April - 53.7 millimeters of rain
May - 57.1 millimeters of rain
June - 5.6 millimeters of rain

July - 0.5 millimeters of rain
August - 0.6 millimeters of rain
September - 0.6 millimeters of rain
October - 10.3 millimeters of rain
November - 19.9 millimeters of rain
December - 15.5 millimeters of rain

See the average monthly rainfall for Mashhad, Iran above and compare to the actual monthly rainfall stats below. Indicated will be when Mars was within 30 degrees of the lunar node. Keep in mind that the thesis infers that Mars within 30 degrees of the lunar node brings higher than average rainfall. And that times outside of that should bring lower than average rainfall

(Mars within 30 degrees of the lunar node between August 24 2009 - May 2 2010)

August 2009 - 0.2 millimeters of rain
September 2009 - 5.5 millimeters of rain
October 2009 - 2.1 millimeters of rain
November 2009 - 48.9 millimeters of rain
December 2009 - 42.1 millimeters of rain
January 2010 - 22.2 millimeters of rain
February 2010 - 65.5 millimeters of rain
March 2010 - 56.3 millimeters of rain
April 2010 - 66.2 millimeters of rain
May 2010 - 96.2 millimeters of rain

(Mars not within 30 degrees of the lunar node)

June 2010 - 2.3 millimeters of rain
July 2010 - 0.2 millimeters of rain
August 2010 - 2.8 millimeters of rain
September 2010 - 0.0 millimeters of rain
October 2010 - 4.3 millimeters of rain

(Mars is within 30 degrees of the lunar node between November 2 2010 and Jan 18 2010)

November 2010 - 14.9 millimeters of rain
December 2010 - 2.2 millimeters of rain
January 2011 - 14.2 millimeters of rain

(Mars not within 30 degrees of the lunar node)

February 2011 - 103.42 millimeters of rain
March 2011 - 23.22 millimeters of rain
April 2011 - 22.15 millimeters of rain
May 2011 - 77.9 millimeters of rain

(Mars is within 30 degrees of the lunar node between June 11 2011 and Sept 1 , 2011)

June 2011 - 20.27 millimeters of rain
July 2011 - 0 millimeters of rain
August 2011 - 0.2 millimeters of rain
September - 0.3 millimeters of rain

(Mars not within 30 degrees of the lunar node)

October 2011 - 19.8 millimeters of rain
November 2011 - 59.1 millimeters of rain
December 2011 - 3.7 millimeters of rain
January 2012 - 52.4 millimeters of rain
February 2012 - 38.6 millimeters of rain
March 2012 - 37.8 millimeters of rain
April 2012 - 58.4 millimeters of rain
May 2012 - 71.7 millimeters of rain
June 2012 - 1.7 millimeters of rain
July 2012 - 1.4 millimeters of rain

(Mars is within 30 degrees of the lunar node between Aug 24 2012 and Nov 12 2012)

August 2012 - 0 millimeters of rain
September 2012 - 0 millimeters of rain
October 2012 - 26.9 millimeters of rain
November 2012 - 45.9 millimeters of rain

(Mars not within 30 degrees of the lunar node)

December 2012 - 45.9 millimeters of rain
January 2013 - 5.9 millimeters of rain
February 2013 - 35.4 millimeters of rain
March 2013 - 76 millimeters of rain

(Mars is within 30 degrees of the lunar node between April 3 2013 and June 22 2013)

April 2013 - 64 millimeters of rain
May 2013 - 19.1 millimeters of rain
June 2013 - 2.5 millimeters of rain

(Mars not within 30 degrees of the lunar node)

July 2013 - 0 millimeters of rain
August 2013 - 0.2 millimeters of rain
September 2013 - 0 millimeters of rain
October 2013 - 2.7 millimeters of rain
November 2013 - 13.7 millimeters of rain

(Mars is within 30 degrees of the lunar node between Dec 19 2013 and Aug 28 , 2014)

December 2013 - 15.2 millimeters of rain

January 2014 - 6.31 millimeters of rain

February 2014 - 12.6 millimeters of rain

March 2014 - 91.2 millimeters of rain

April 2014 - 45.91 millimeters of rain

May 2014 - 47.8 millimeters of rain

June 2014 - 0.7 millimeters of rain

July 2014 - 0 millimeters of rain

August 2014 - 0 millimeters of rain

(Mars not within 30 degrees of the lunar node)

September 2014 - 0.4 millimeters of rain

October 2014 - 6.6 millimeters of rain

November 2014 - 16.07 millimeters of rain

December 2014 - 1.88 millimeters of rain

(Mars is within 30 degrees of the lunar node between Jan 27 2015 and April 12 , 2015)

January 2015 - 17.5 millimeters of rain

February 2015 - 40.1 millimeters of rain

March 2015 - 67.19 millimeters of rain

April 2015 - 9.34 millimeters of rain

(Mars not within 30 degrees of the lunar node)

May 2015 - 72.33 millimeters of rain

June 2015 - 0.55 millimeters of rain

July 2015 - 0 millimeters of rain

August 2015 - 5.14 millimeters of rain

(Mars is within 30 degrees of the lunar node between Sept 27 2015 and Dec 26 , 2015)

September 2015 - 0.01 millimeters of rain

October 2015 - 5.3 millimeters of rain

November 2015 - 11.2 millimeters of rain

December 2015 - 17.37 millimeters of rain

(Mars not within 30 degrees of the lunar node)

January 2016 - 12.67 millimeters of rain

February 2016 - 18.9 millimeters of rain

March 2016 - 43 millimeters of rain

April 2016 - 52 millimeters of rain

May 2016 - 63.04 millimeters of rain

June 2016 - 18.96 millimeters of rain

July 2016 - 0.09 millimeters of rain

August 2016 - 0 millimeters of rain

September 2016 - 0 millimeters of rain

October 2016 - 0 millimeters of rain

(Mars is within 30 degrees of the lunar node between Nov 21 2016 and Feb 1 2017)

November 2016 - 7.55 millimeters of rain

December 2016 - 8.7 millimeters of rain

January 2017 - 15.8 millimeters of rain

February 2017 - 87.3 millimeters of rain

(Mars not within 30 degrees of the lunar node)

March 2017 - 30.4 millimeters of rain

April 2017 - 15.1 millimeters of rain

May 2017 - 16.7 millimeters of rain

June 2017 - 2 millimeters of rain

(Mars is within 30 degrees of the lunar node between July 11 2017 and Oct 10 2017)

July 2017 - 2 millimeters of rain

August 2017 - 0 millimeters of rain

September 2017 - 0 millimeters of rain

October 2017 - 0.15 millimeters of rain

(Mars not within 30 degrees of the lunar node)

November 2017 - 2.8 millimeters of rain

December 2017 - 1.7 millimeters of rain

January 2018 - 4.9 millimeters of rain

February 2018 - 29 millimeters of rain

March 2018 - 45.5 millimeters of rain

(Mars is within 30 degrees of the lunar node between April 8 2018 and Nov 14 2018)

April 2018 - 16.94 millimeters of rain

May 2018 - 66.6 millimeters of rain

June 2018 - 4.72 millimeters of rain

July 2018 - 0 millimeters of rain

August 2018 - 0 millimeters of rain

September 2018 - 0.38 millimeters of rain

October 2018 - 63.3 millimeters of rain

November 2018 - 14.2 millimeters of rain

(Mars not within 30 degrees of the lunar node)

December 2018 - 1.3 millimeters of rain

January 2019 - 9.8 millimeters of rain

February 2019 - 69.1 millimeters of rain

March 2019 - 37.3 millimeters of rain

April 2019 - 112 millimeters of rain

(Mars is within 30 degrees of the lunar node between May 1 2019 and Jul 29 , 2019)

May 2019 - 102.8 millimeters of rain

June 2019 - 11.2 millimeters of rain

July 2019 - 0 millimeters of rain

(Mars not within 30 degrees of the lunar node)

August 2019 - 0 millimeters of rain
September 2019 - 1.6 millimeters of rain
October 2019 - 10.6 millimeters of rain
November 2019- 13.8 millimeters of rain
December 2019- 8.3 millimeters of rain

(Mars is within 30 degrees of the lunar node between Jan 15 2020 and April 3, 2020)

January 2020 - 57.4 millimeters of rain
February 2020 - 70.5 millimeters of rain
March 2020 - 118 millimeters of rain
April 2020 - 157.4 millimeters of rain

(Mars not within 30 degrees of the lunar node)

May 2020 - 30.7 millimeters of rain
June 2020 - 0.1 millimeters of rain
July 2020 - 0.6 millimeters of rain
August 2020 - 0.1 millimeters of rain
September 2020 - 0.1 millimeters of rain
October 2020 - 0.2 millimeters of rain
November 2020 - 13.3 millimeters of rain
December 2020- 36.7 millimeters of rain
January 2021 - 9.9 millimeters of rain

(Mars is within 30 degrees of the lunar node between Feb 9 2021 and May 13, 2021)

February 2021 - 7 millimeters of rain
March 2021 - 75.7 millimeters of rain
April 2021 - 49.4 millimeters of rain
May 2021 - 34 millimeters of rain

(Mars not within 30 degrees of the lunar node)

June 2021 - 0 millimeters of rain
July 2021 - 0.7 millimeters of rain
August 2021 - 0 millimeters of rain
September 2021 - 0 millimeters of rain
October 2021 - 0 millimeters of rain

(Mars is within 30 degrees of the lunar node between Nov 4 2021 and Jan 22 2022)

November 2021 - 12.1 millimeters of rain
December 2021- 15.9 millimeters of rain
January 2022 - 40.8 millimeters of rain

(Mars not within 30 degrees of the lunar node)

February 2022 - 71.3 millimeters of rain
March 2022 - 20 millimeters of rain
April 2022 - 10.8 millimeters of rain
May 2022 - 67 millimeters of rain

(Mars is within 30 degrees of the lunar node between June 22 2022 and Sept 19, 2022)

June 2022 - 11.6 millimeters of rain
July 2022 - 2.1 millimeters of rain
August 2022 - 0 millimeters of rain
September 2022 - 0 millimeters of rain

Taking all this information into account we can forecast the time periods of higher rainfall to occur when Mars is within 30 degrees of the lunar node. Here are the dates of Mars within 30 degrees of the lunar node through 2027:

Dec 26 2022 - Jan 24, 2023
Aug 24, 2023 - Nov 15, 2023
April 12, 2024 - June 25, 2024
June 5, 2025 - Sept 4, 2025
Feb 4, 2026 - April 19, 2026
Sept. 27, 2026 - June 12, 2027

We can expect higher than average rainfall to occur during those timeframes. Outside of those time-frames, however, up unto the year 2027 we can predict droughts to occur in Mashhad Iran. For example, we expect higher than average rainfall to occur between December 26 2022 and January 24, 2023 when Mars is within 30 degrees of the lunar node. Afterwards, from February 2023 - July 2023, we can anticipate drought conditions. Then when Mars goes within 30 degrees of the lunar node from August 24 2023 to November 15, 2023, we can expect higher than average rainfall.